

IN THE SPECIFICATION:

Please amend the paragraph beginning at page 12, line 1, as follows.

5 Since the row dimensions of the interrupt set-vector (ISV) 820 and the application
set profile (AP) 800 are the same (the number of cache sets), the cardinality of the intersection of
the sets represented by the ISV and a column in the AP 800 is achieved by examining shaded
elements of each column that are in the same row. As shown in FIG. 8, if an element in the AP
800 is light gray, at most one live frame in the corresponding set may experience an eviction, and
one is added to the cardinality of the intersection. If the AP element is dark gray, at most two live
10 frames in the corresponding set may experience evictions ~~evections~~, and two is added to the
cardinality of the intersection.